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(54) Illumination-Type Push Switch

(57) [Abstract]

[Purpose] To provide an easily assembled, thin, compact illumination-type push switch having a wide light-emitting surface, in an illumination-type push switch used in the input unit, operation unit or the like of AV equipment or the like.

[Constitution] A light-emitting button 11 with an internal light-emitting element 12 is disposed at the central part of a flexible insulating film 13 having multiple conductive paths 14 that are connected respectively to electrodes of the light emitting element 12, to be led to the outside. This insulating film 13 is disposed on the top surface of an insulating case 15, which is enclosed within a recessed part of a diaphragm-type movable contact point 16. While electric power is thereby supplied to the light-emitting button 11 from the conductive path 14 to emit light, [the button] is supported freely to move upward and downward, enabling on/off [switching] of the movable contact point 16. This yields a thin, readily combinable [sic] illumination-type push switch having a wide light-emitting surface.

- 11 Light-emitting button
- 11a Push projection
- 12 Light-emitting element
- 13 Insulating film
- 14 Conductive path
- 14a Terminal part
- 15 Insulated case
- 16 Movable contact point
- 17a, 17b Fixed contact point
- 17c Switch terminal

